

## WEST Search History

Hide Items

Restore

Clear

Cancel

DATE: Wednesday, January 28, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Coun</u>
		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	murata-takaaki\$.in. or kobayashi-Shinji.in. or Yamanashi-Ichiro.in. or okita-yuuji.in. or kawaguchi-shigeru.in or ogura-yasuhiro.in. ando-sueo.in. or inaba-michihiko.in.	10
<input type="checkbox"/>	L2	L1 and electrode	2
<input type="checkbox"/>	L3	L2 and dielectric	
<input type="checkbox"/>	L4	L3 and ((hot or stray or floating or high voltage) electrode)	

END OF SEARCH HISTORY

# Hit List

Clear

Generate Collection

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Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20010041154 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 5

File: PGPB

Nov 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010041154

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010041154 A1

TITLE: Ozonizing unit, ozone generator and ozone-processing system

PUBLICATION-DATE: November 15, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Murata, Takaaki</u>	Yokohama-shi		JP	
<u>Kobayashi, Shinji</u>	Yokohama-shi		JP	
<u>Yamanashi, Ichiro</u>	Yokohama-shi		JP	
<u>Okita, Yuuji</u>	Yokohama-shi		JP	
Kawaguchi, Shigeru	Yokohama-shi		JP	
Ogura, Yasuhiro	Yokohama-shi		JP	
Ando, Sueo	Hiratsuka-shi		JP	
<u>Inaba, Michihiko</u>	Yokohama-shi		JP	

US-CL-CURRENT: 422/186.11; 422/186.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 6284205 B1

L4: Entry 2 of 5

File: USPT

Sep 4, 2001

US-PAT-NO: 6284205

DOCUMENT-IDENTIFIER: US 6284205 B1

TITLE: Ozonizing unit ozone generator and ozone-processing system

DATE-ISSUED: September 4, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Murata, Takaaki</u>	Yokohama			JP
<u>Kobayashi, Shinji</u>	Yokohama			JP
<u>Yamanashi, Ichiro</u>	Yokohama			JP
<u>Okita, Yuuji</u>	Yokohama			JP

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## Record List Display

Page 2 o

Kawaguchi; Shigeru	Yokohama	JP
Ogura; Yasuhiro	Yokohama	JP
Ando; Sueo	Hiratsuka	JP
<u>Inaba; Michihiko</u>	Yokohama	JP

US-CL-CURRENT: 422/186.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: JP 2000072413 A

L4: Entry 3 of 5

File: JPAB

Mar 7, 2000

PUB-NO: JP02000072413A  
DOCUMENT-IDENTIFIER: JP 2000072413 A  
TITLE: OZONE GENERATION DEVICE

PUBN-DATE: March 7, 2000

## INVENTOR-INFORMATION:

NAME

COUNTRY

MURATA, TAKAAKI

KOBAYASHI, SHINJI

YAMANASHI, ICHIRO

OKITA, YUJI

INT-CL (IPC): C01 B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: JP 08081205 A

L4: Entry 4 of 5

File: JPAB

Mar 26, 1996

PUB-NO: JP408081205A  
DOCUMENT-IDENTIFIER: JP 08081205 A  
TITLE: OZONE GENERATOR

PUBN-DATE: March 26, 1996

## INVENTOR-INFORMATION:

NAME

COUNTRY

TATSUKAWA, YOSHINORI

YAMANASHI, ICHIRO

MURATA, TAKAAKI

INT-CL (IPC): C01 B 13/11; H01 T 23/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Ima
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☐ 5. Document ID: JP 05299728 A

L4: Entry 5 of 5

File: JPAB

Nov 12, 1993

PUB-NO: JP405299728A

DOCUMENT-IDENTIFIER: JP 05299728 A

TITLE: LASER APPARATUS

PUBN-DATE: November 12, 1993

## INVENTOR-INFORMATION:

NAME

COUNTRY

TERAI, KIYOHISA

KOBAYASHI, SHINJI

MURATA, TAKAAKI

SUZUKI, HIROKATSU

INT-CL (IPC): H01S 3/038; H01S 3/041

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Draw Desc	Clip Img	Image
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Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms

Documents

L3 and ((hot or stray or floating or high voltage) electrode)

5

Display Format: -

Change Format

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# WEST Search History

Hide Items

Restore

Clear

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DATE: Wednesday, January 28, 2004

Hide? Set Name Query

Hit Count

DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

<input type="checkbox"/>	L1	ozon\$5	79613
<input type="checkbox"/>	L2	dielectric	402306
<input type="checkbox"/>	L3	electrode	1305271
<input type="checkbox"/>	L4	(hot or stray\$4 or float\$4 or high voltage) electrode	7918
<input type="checkbox"/>	L5	l2 with L4	852
<input type="checkbox"/>	L6	l1 and L5	345
<input type="checkbox"/>	L7	L6 and 422/186\$.ccls.	105
<input type="checkbox"/>	L8	(back or low voltage or ground\$4 or dc) electrode	26204
<input type="checkbox"/>	L9	l2 with L8	2942
<input type="checkbox"/>	L10	l5 same L9	247
<input type="checkbox"/>	L11	l1 and L10	177
<input type="checkbox"/>	L12	L11 and 422/186\$.ccls.	67

END OF SEARCH HISTORY

## Hit List

Clear

Generate Collection

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Fwd Refs

Bkwd Refs

Generate OACS

**Search Results - Record(s) 1 through 50 of 67 returned.**

☐ 1. Document ID: US 20030147787 A1

**Using default format because multiple data bases are involved.**

L12: Entry 1 of 67

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147787

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030147787 A1

TITLE: Modular ozone generator system

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Borgstrom, Jan	Landskrona		SE	

US-CL-CURRENT: 422/186.07; 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 20030095900 A1

L12: Entry 2 of 67

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030095900

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030095900 A1

TITLE: Ozonizer

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tabata, Youichiro	Tokyo		JP	
Okihara, Yujiro	Tokyo		JP	
Usui, Akaru	Tokyo		JP	
Komiya, Hiromichi	Tokyo		JP	
Ganryu, Yuji	Tokyo		JP	
Kuzumoto, Masaki	Tokyo		JP	
Wada, Noboru	Tokyo		JP	
Ohta, Koji	Tokyo		JP	
Yagi, Shigenori	Tokyo		JP	
Kanegae, Hirozoh	Tokyo		JP	

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US-CL-CURRENT: 422/186.07; 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 20030095899 A1

L12: Entry 3 of 67

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030095899

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030095899 A1

TITLE: Ozonizer

PUBLICATION-DATE: May 22, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Okihara, Yujiro	Tokyo		JP	
Tabata, Youichiro	Tokyo		JP	
Usui, Akaru	Tokyo		JP	
Komiya, Hiromichi	Tokyo		JP	
Ganryu, Yuji	Tokyo		JP	
Kuzumoto, Masaki	Tokyo		JP	
Wada, Noboru	Tokyo		JP	
Ohta, Koji	Tokyo		JP	
Yagi, Shigenori	Tokyo		JP	
Kanegae, Hirozoh	Tokyo		JP	

US-CL-CURRENT: 422/186.07; 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 20030095898 A1

L12: Entry 4 of 67

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030095898

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030095898 A1

TITLE: Ozonizer

PUBLICATION-DATE: May 22, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Usui, Akaru	Tokyo		JP	
Tabata, Youichiro	Tokyo		JP	
Okihara, Yujiro	Tokyo		JP	
Komiya, Hiromichi	Tokyo		JP	
Ganryu, Yuji	Tokyo		JP	
Kuzumoto, Masaki	Tokyo		JP	

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Wada, Noboru	Tokyo	JP
Ohta, Koji	Tokyo	JP
Yagi, Shigenori	Tokyo	JP
Kanegae, Hirozoh	Tokyo	JP

US-CL-CURRENT: 422/186.07; 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Desc	Image
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☐ 5. Document ID: US 20020061265 A1

L12: Entry 5 of 67

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020061265  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020061265 A1

TITLE: Ozone generator

PUBLICATION-DATE: May 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Conrad, Wayne	Hampton		CA	

US-CL-CURRENT: 422/186.07; 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Desc	Image
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☐ 6. Document ID: US 20020060190 A1

L12: Entry 6 of 67

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020060190  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020060190 A1

TITLE: Method and apparatus for monitoring an ozone generator in a household water purifier

PUBLICATION-DATE: May 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Conrad, Wayne	Hampton		CA	

US-CL-CURRENT: 210/739; 210/748, 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Desc	Image
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☐ 7. Document ID: US 20020060189 A1

L12: Entry 7 of 67

File: PGPB

May 23, 2002

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PGPUB-DOCUMENT-NUMBER: 20020060189  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020060189 A1

TITLE: Method and apparatus for controlling a household water purifier

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Conrad, Wayne	Hampton		CA	

US-CL-CURRENT: 210/739; 204/176, 210/103, 210/746, 210/748, 210/87, 422/186.14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 8. Document ID: US 20020048539 A1

L12: Entry 8 of 67

File: PGPB

Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020048539  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020048539 A1

TITLE: Ozone generator with water cooled glass dielectric

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
MacKay, Richard	Scarborough		CA	

US-CL-CURRENT: 422/186.07; 422/186.11, 422/186.12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 9. Document ID: US 20020039546 A1

L12: Entry 9 of 67

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020039546  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020039546 A1

TITLE: Ozone generator

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lee, Jae Shin	Ulsan		KR	
Park, Jae Seok	Ulsan		KR	
Alexander, Lukanin	Tomsk		RU	

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Oleg, Khasanov Leonidovich	Tomsk	RU
Kim, Kwang Ho	Ulsan	KR
Lee, Hong Heo	Ulsan	KR
Lee, Young Deok	Ulsan	KR

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 10. Document ID: US 20020001550 A1

L12: Entry 10 of 67

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020001550

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020001550 A1

TITLE: Ozone generator

PUBLICATION-DATE: January 3, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shinjo, Ryoichi	Kanagawa		JP	
Harada, Minoru	Kanagawa		JP	
Nishioka, Yukiko	Kanagawa		JP	

US-CL-CURRENT: 422/186.07; 422/186.11, 422/186.14, 422/186.18, 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 11. Document ID: US 20010041155 A1

L12: Entry 11 of 67

File: PGPB

Nov 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010041155

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010041155 A1

TITLE: Ozone generator

PUBLICATION-DATE: November 15, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Conrad, Wayne	Hampton		CA	

US-CL-CURRENT: 422/186.18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 12. Document ID: US 20010041154 A1

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## Record List Display

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L12: Entry 12 of 67

File: PGPB

Nov 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010041154  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010041154 A1

TITLE: Ozonizing unit, ozone generator and ozone-processing system

PUBLICATION-DATE: November 15, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Murata, Takaaki	Yokohama-shi		JP	
Kobayashi, Shinji	Yokohama-shi		JP	
Yamanashi, Ichiro	Yokohama-shi		JP	
Okita, Yuuji	Yokohama-shi		JP	
Kawaguchi, Shigeru	Yokohama-shi		JP	
Ogura, Yasuhiro	Yokohama-shi		JP	
Ando, Sueo	Hiratsuka-shi		JP	
Inaba, Michihiko	Yokohama-shi		JP	

US-CL-CURRENT: 422/186.11; 422/186.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 13. Document ID: US 6599486 B1

L12: Entry 13 of 67

File: USPT

Jul 29, 2003

US-PAT-NO: 6599486  
DOCUMENT-IDENTIFIER: US 6599486 B1

TITLE: Modular ozone generator system

DATE-ISSUED: July 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Borgstrom; Jan	Landskrona			SE

US-CL-CURRENT: 422/186.07; 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 14. Document ID: US 6562386 B2

L12: Entry 14 of 67

File: USPT

May 13, 2003

US-PAT-NO: 6562386  
DOCUMENT-IDENTIFIER: US 6562386 B2

TITLE: Method and apparatus for non-thermal pasteurization

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## Record List Display

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DATE-ISSUED: May 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ruan; R. Roger	Arden Hills	MN		
Ma; Hongbin	St. Paul	MN		
Zhang; Mingliang	St. Paul	MN		
Chen; Paul L.	Roseville	MN		
Oyen; Duane	Maple Grove	MN		

US-CL-CURRENT: 426/237; 204/164, 422/186.04, 422/22, 426/247

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 15. Document ID: US 6517731 B2

L12: Entry 15 of 67

File: USPT

Feb 11, 2003

US-PAT-NO: 6517731

DOCUMENT-IDENTIFIER: US 6517731 B2

TITLE: Ozonation process

DATE-ISSUED: February 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Conrad; Wayne Ernest	Hampton			CA

US-CL-CURRENT: 210/760; 422/186.12, 422/186.14, 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 6491879 B2

L12: Entry 16 of 67

File: USPT

Dec 10, 2002

US-PAT-NO: 6491879

DOCUMENT-IDENTIFIER: US 6491879 B2

TITLE: Ozone generator

DATE-ISSUED: December 10, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Conrad; Wayne	Hampton			CA

US-CL-CURRENT: 422/186.18; 422/186.19, 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 17. Document ID: US 6451252 B1

L12: Entry 17 of 67

File: USPT

Sep 17, 2002

US-PAT-NO: 6451252

DOCUMENT-IDENTIFIER: US 6451252 B1

**\*\* See image for Certificate of Correction \*\***TITLE: Odor removal system and method having ozone and non-thermal plasma treatment

DATE-ISSUED: September 17, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ruan; R. Roger	Arden Mills	MN		
Ma; Hongbin	St. Paul	MN		
Chen; Ling	St. Paul	MN		
Goodrich; Philip R.	New Brighton	MN		
Deng; Shaobo	St. Paul	MN		
Wang; Ye	St. Paul	MN		

US-CL-CURRENT: 422/22; 422/186.04, 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw Desc	Image
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☐ 18. Document ID: US 6321531 B1

L12: Entry 18 of 67

File: USPT

Nov 27, 2001

US-PAT-NO: 6321531

DOCUMENT-IDENTIFIER: US 6321531 B1

TITLE: Method and apparatus for using free radicals to reduce pollutants in the exhaust gases from the combustion of a fuel

DATE-ISSUED: November 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Caren; Robert P.	San Jose	CA		
Ekchian; Jack A.	Belmont	MA		
Dekelaita; Tony	Flint	MI		
Hallenbeck; Ray	Metamora	MI		
Nowak; Victor J.	Beverly Hills	MI		
Pietrasik; John	Clarkston	MI		
Roth; Gregory J.	Los Gatos	CA		
Taus; Jeff	Holly	MI		
Tyle; Mike	Ortonville	MI		
Yampolsky; Josef	Torrance	CA		

US-CL-CURRENT: 60/275; 204/168, 204/173, 204/179, 422/186.04, 60/274, 60/287, 60/288, 60/299

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw Desc	Image
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☐ 19. Document ID: US 6284205 B1

L12: Entry 19 of 67

File: USPT

Sep 4, 2001

US-PAT-NO: 6284205

DOCUMENT-IDENTIFIER: US 6284205 B1

TITLE: Ozonizing unit ozone generator and ozone-processing system

DATE-ISSUED: September 4, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Murata; Takaaki	Yokohama			JP
Kobayashi; Shinji	Yokohama			JP
Yamanashi; Ichiro	Yokohama			JP
Okita; Yuuji	Yokohama			JP
Kawaguchi; Shigeru	Yokohama			JP
Ogura; Yasuhiro	Yokohama			JP
Ando; Sueo	Hiratsuka			JP
Inaba; Michihiko	Yokohama			JP

US-CL-CURRENT: 422/186.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMMC	Draw Desc	Image
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☐ 20. Document ID: US 6284203 B1

L12: Entry 20 of 67

File: USPT

Sep 4, 2001

US-PAT-NO: 6284203

DOCUMENT-IDENTIFIER: US 6284203 B1

**\*\* See image for Certificate of Correction \*\***TITLE: Ozonizer discharge cell and its manufacturing method

DATE-ISSUED: September 4, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tokutake; Shigekazu	Hyogo			JP
Shimoda; Kyoji	Hyogo			JP

US-CL-CURRENT: 422/186.07; 264/510, 422/186.12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMMC	Draw Desc	Image
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☐ 21. Document ID: US 6277248 B1

L12: Entry 21 of 67

File: USPT

Aug 21, 2001

## Record List Display

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US-PAT-NO: 6277248

DOCUMENT-IDENTIFIER: US 6277248 B1

TITLE: Ozone production facilities and method of their operation

DATE-ISSUED: August 21, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishioka; Hisamichi	Kawasaki			JP
Suzuki; Sanae	Kawasaki			JP
Toraguchi; Makoto	Kawasaki			JP

US-CL-CURRENT: 204/176; 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw Desc	Image
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☐ 22. Document ID: US 6264897 B1

L12: Entry 22 of 67

File: USPT

Jul 24, 2001

US-PAT-NO: 6264897

DOCUMENT-IDENTIFIER: US 6264897 B1

**\*\* See image for Certificate of Correction \*\***TITLE: Ozone generator

DATE-ISSUED: July 24, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishioka; Hisamichi	Kanagawa			JP
Kai; Kazuki	Kanagawa			JP
Nishikawa; Takaya	Mie			JP
Sakai; Eiji	Chiba			JP
Ogawa; Terushige	Kanagawa			JP
Miyake; Atsumi	Tokyo			JP

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw Desc	Image
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☐ 23. Document ID: US 6190622 B1

L12: Entry 23 of 67

File: USPT

Feb 20, 2001

US-PAT-NO: 6190622

DOCUMENT-IDENTIFIER: US 6190622 B1

**\*\* See image for Certificate of Correction \*\***TITLE: Ozone generator

DATE-ISSUED: February 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Conrad; Wayne Ernest	Hampton			CA
Conrad; Helmut Gerhard	Hampton			CA
Szylowiec; Ted	Hampton			CA
Philips; Richard Stanley	Courtice			CA

US-CL-CURRENT: 422/186.07; 422/186.15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 24. Document ID: US 6060027 A

L12: Entry 24 of 67

File: USPT

May 9, 2000

US-PAT-NO: 6060027

DOCUMENT-IDENTIFIER: US 6060027 A

TITLE: Ozone generator

DATE-ISSUED: May 9, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Conrad; Wayne Ernest	Hampton			CA
Conrad; Helmut Gerhard	Hampton			CA
Szylowiec; Ted	Hampton			CA
Philips; Richard Stanley	Courtice			CA

US-CL-CURRENT: 422/186.07; 422/186.18, 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 25. Document ID: US 6027701 A

L12: Entry 25 of 67

File: USPT

Feb 22, 2000

US-PAT-NO: 6027701

DOCUMENT-IDENTIFIER: US 6027701 A

TITLE: Ozone generator

DATE-ISSUED: February 22, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishioka; Hisamichi	Kawasaki			JP
Toraguchi; Makoto	Kawasaki			JP
Nishikawa; Takaya	Kawasaki			JP
Nishii; Hideaki	Kawasaki			JP

US-CL-CURRENT: 422/186.19; 204/176



Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 26. Document ID: US 6027700 A

L12: Entry 26 of 67

File: USPT

Feb 22, 2000

US-PAT-NO: 6027700

DOCUMENT-IDENTIFIER: US 6027700 A

TITLE: Ozone production facilities and method of their operation

DATE-ISSUED: February 22, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishioka; Hisamichi	Kawasaki			JP
Suzuki; Sanae	Kawasaki			JP
Toraguchi; Makoto	Kawasaki			JP

US-CL-CURRENT: 422/186.07; 422/186.08, 422/186.14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 27. Document ID: US 5955038 A

L12: Entry 27 of 67

File: USPT

Sep 21, 1999

US-PAT-NO: 5955038

DOCUMENT-IDENTIFIER: US 5955038 A

TITLE: Ozonizer and method of manufacturing it

DATE-ISSUED: September 21, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gadow; Rainer	Aschau am Inn			DE
Riege; Gunter	Wiesbaden			DE

US-CL-CURRENT: 422/186.07; 422/186.19, 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 28. Document ID: US 5948374 A

L12: Entry 28 of 67

File: USPT

Sep 7, 1999

US-PAT-NO: 5948374

DOCUMENT-IDENTIFIER: US 5948374 A

TITLE: Ozone generating apparatus

DATE-ISSUED: September 7, 1999

h e b b g e e f e ef b e

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuzumoto; Masaki	Hyogo			JP
Tabata; Youichiro	Hyogo			JP
Yagi; Shigenori	Hyogo			JP
Yoshizawa; Kenji	Hyogo			JP
Mukai; Masahiro	Hyogo			JP
Ochi; Junji	Hyogo			JP
Ozawa; Tateki	Hyogo			JP

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWC	Draw Desc	Image
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☐ 29. Document ID: US 5932180 A

L12: Entry 29 of 67

File: USPT

Aug 3, 1999

US-PAT-NO: 5932180

DOCUMENT-IDENTIFIER: US 5932180 A

TITLE: Ozone and other reactive gas generator cell and system

DATE-ISSUED: August 3, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Xinyu	Malden	MA		
Berkman; Vitaly	Brookline	MA		
Smith; Donald	Belmont	MA		

US-CL-CURRENT: 422/186.07; 422/186.14, 422/186.15, 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Drawings	Claims	KWC	Draw Desc	Image
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☐ 30. Document ID: US 5879641 A

L12: Entry 30 of 67

File: USPT

Mar 9, 1999

US-PAT-NO: 5879641

DOCUMENT-IDENTIFIER: US 5879641 A

TITLE: Ozone generator

DATE-ISSUED: March 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Conrad; Wayne Ernest	Hampton			CA
Phillips; Richard Stanley	Courtice			CA
Phillips; Andrew Richard Henry	Oshawa			CA
Bowman; Raymond Earl	Bowmanville			CA

Conrad; Helmut Gerhard

Oshawa

CA

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw Desc	Image
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☐ 31. Document ID: US 5785824 A

L12: Entry 31 of 67

File: USPT

Jul 28, 1998

US-PAT-NO: 5785824

DOCUMENT-IDENTIFIER: US 5785824 A

TITLE: Method of and apparatus for producing ozone

DATE-ISSUED: July 28, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kitayama; Jiro	Tokyo			JP
Yagi; Toshinori	Tokyo			JP
Tanaka; Masaaki	Tokyo			JP
Tabata; Norikazu	Tokyo			JP

US-CL-CURRENT: 204/176; 422/186.07, 422/186.08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw Desc	Image
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☐ 32. Document ID: US 5759497 A

L12: Entry 32 of 67

File: USPT

Jun 2, 1998

US-PAT-NO: 5759497

DOCUMENT-IDENTIFIER: US 5759497 A

TITLE: Ozone generating apparatus

DATE-ISSUED: June 2, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuzumoto; Masaki	Hyogo			JP
Tabata; Youichiro	Hyogo			JP
Yagi; Shigenori	Hyogo			JP
Yoshizawa; Kenji	Hyogo			JP
Mukai; Masahiro	Hyogo			JP
Ochi; Junji	Hyogo			JP
Ozawa; Tateki	Hyogo			JP

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw Desc	Image
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☐ 33. Document ID: US 5637279 A

L12: Entry 33 of 67

File: USPT

Jun 10, 1997

US-PAT-NO: 5637279

DOCUMENT-IDENTIFIER: US 5637279 A

TITLE: Ozone and other reactive gas generator cell and system

DATE-ISSUED: June 10, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Besen; Matthew M.	Tewksbury	MA		
Smith; Donald K.	Belmont	MA		

US-CL-CURRENT: 422/186.07; 422/186, 422/186.08, 422/186.14, 422/186.15, 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Image
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☐ 34. Document ID: US 5630990 A

L12: Entry 34 of 67

File: USPT

May 20, 1997

US-PAT-NO: 5630990

DOCUMENT-IDENTIFIER: US 5630990 A

TITLE: Ozone generator with releasable connector and grounded current collector

DATE-ISSUED: May 20, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Conrad; Wayne E.	Hampton			CA
Phillips; Richard S.	Courtice			CA
Phillips; Andrew R. H.	Oshawa			CA
Bowman; Raymond E.	Bowmanville			CA
Conrad; Helmut G.	Oshawa			CA

US-CL-CURRENT: 422/186.07; 422/906, 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Image
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☐ 35. Document ID: US 5549874 A

L12: Entry 35 of 67

File: USPT

Aug 27, 1996

US-PAT-NO: 5549874

DOCUMENT-IDENTIFIER: US 5549874 A

TITLE: Discharge reactor

## Record List Display

Page 16 of

DATE-ISSUED: August 27, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kamiya; Ichiro	Tokyo			JP
Shinjo; Ryoichi	Kanagawa-ken			JP
Murakami; Takeshi	Kanagawa-ken			JP
Nishioka; Yukiko	Kanagawa-ken			JP
Harada; Minoru	Kanagawa-ken			JP

US-CL-CURRENT: 422/186.04; 422/186.07, 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KVMC	Draw Desc	Image
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☐ 36. Document ID: US 5538695 A

L12: Entry 36 of 67

File: USPT

Jul 23, 1996

US-PAT-NO: 5538695

DOCUMENT-IDENTIFIER: US 5538695 A

TITLE: Ozonizer

DATE-ISSUED: July 23, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shinjo; Ryoichi	Kanagawa-ken			JP
Kamiya; Ichiro	Tokyo			JP
Harada; Minoru	Kanagawa-ken			JP
Nishioka; Yukiko	Kanagawa-ken			JP

US-CL-CURRENT: 422/186.07; 422/186.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KVMC	Draw Desc	Image
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☐ 37. Document ID: US 5387775 A

L12: Entry 37 of 67

File: USPT

Feb 7, 1995

US-PAT-NO: 5387775

DOCUMENT-IDENTIFIER: US 5387775 A

TITLE: Apparatus for the plasma destruction of hazardous gases

DATE-ISSUED: February 7, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kang; Michael	Los Alamos	NM		

US-CL-CURRENT: 219/121.52; 110/242, 110/244, 219/121.43, 219/121.49, 422/173, 422/186.22

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Image	Claims	KVMC	Draw Desc	Image
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☐ 38. Document ID: US 5316639 A

L12: Entry 38 of 67

File: USPT

May 31, 1994

US-PAT-NO: 5316639

DOCUMENT-IDENTIFIER: US 5316639 A

TITLE: Dielectric material used for an ozone generator and a method of forming a film to the dielectric material

DATE-ISSUED: May 31, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okazaki; Sachiko	Suginami-ku, Tokyo 168			JP
Kogoma; Masuhiro	Wakou-shi, Saitama 351-1			JP
Hirakawa; Masahiro	Ibaraki			JP

US-CL-CURRENT: 204/192.12; 204/167, 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Image	Claims	KVMC	Draw Desc	Image
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☐ 39. Document ID: US 5094822 A

L12: Entry 39 of 67

File: USPT

Mar 10, 1992

US-PAT-NO: 5094822

DOCUMENT-IDENTIFIER: US 5094822 A

TITLE: Ozone generator

DATE-ISSUED: March 10, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dunder; Ove K.	Kanata, Ont.			CA

US-CL-CURRENT: 422/186.22; 422/186.2, 422/186.21, 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Image	Claims	KVMC	Draw Desc	Image
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☐ 40. Document ID: US 5087426 A

L12: Entry 40 of 67

File: USPT

Feb 11, 1992

US-PAT-NO: 5087426

DOCUMENT-IDENTIFIER: US 5087426 A

TITLE: Ozone deodorizer for refrigerators

DATE-ISSUED: February 11, 1992

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## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Inoue; Yoshitaka	Neyagawa			JP
Sato; Teruo	Yahata			JP
Hirumi; Tutomu	Kyoto			JP

US-CL-CURRENT: 422/123; 422/116, 422/186.07, 422/186.16, 422/28, 422/29, 422/305

Full	Title	Citation	Front	Review	Classification	Date	Reference	Substantive	Technical	Claims	KWIC	Draw Desc	Image
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☐ 41. Document ID: US 4970056 A

L12: Entry 41 of 67

File: USPT

Nov 13, 1990

US-PAT-NO: 4970056

DOCUMENT-IDENTIFIER: US 4970056 A

TITLE: Ozone generator with improved dielectric and method of manufacture

DATE-ISSUED: November 13, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wooten; Robert D.	Rockville	MD		
Egermeier; John C.	Vienna	VA		

US-CL-CURRENT: 422/186.07; 422/186.18, 422/186.19, 422/186.2, 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Substantive	Technical	Claims	KWIC	Draw Desc	Image
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☐ 42. Document ID: US 4940894 A

L12: Entry 42 of 67

File: USPT

Jul 10, 1990

US-PAT-NO: 4940894

DOCUMENT-IDENTIFIER: US 4940894 A

TITLE: Electrode for a corona discharge apparatus

DATE-ISSUED: July 10, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morters; Ronald W.	Waukesha	WI		

US-CL-CURRENT: 250/324; 422/186.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Substantive	Technical	Claims	KWIC	Draw Desc	Image
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☐ 43. Document ID: US 4908189 A

L12: Entry 43 of 67

File: USPT

Mar 13, 1990

## Record List Display

Page 19 of

US-PAT-NO: 4908189  
DOCUMENT-IDENTIFIER: US 4908189 A

TITLE: Concentric tube ozonator

DATE-ISSUED: March 13, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Staubach; Ernst J.	Loveland	OH		

US-CL-CURRENT: 422/186.19; 422/186.11, 422/186.18, 422/186.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw Desc	Image
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☐ 44. Document ID: US 4232229 A

L12: Entry 44 of 67

File: USPT

Nov 4, 1980

US-PAT-NO: 4232229  
DOCUMENT-IDENTIFIER: US 4232229 A

TITLE: Ozonizer

DATE-ISSUED: November 4, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tanaka; Masaaki	Amagasaki			JP
Ueno; Takanori	Amagasaki			JP
Tabata; Norikazu	Amagasaki			JP

US-CL-CURRENT: 422/186.2; 422/907

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWC	Draw Desc	Image
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☐ 45. Document ID: US 4048668 A

L12: Entry 45 of 67

File: USPT

Sep 13, 1977

US-PAT-NO: 4048668  
DOCUMENT-IDENTIFIER: US 4048668 A

TITLE: Electrically driven high voltage ozonator

DATE-ISSUED: September 13, 1977

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Von Bargaen; John D.	Cypress	CA		
Siddiqui; Khalid U.	Westminster	CA		

US-CL-CURRENT: 361/235; 422/186.16

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 46. Document ID: US 4025441 A

L12: Entry 46 of 67

File: USPT

May 24, 1977

US-PAT-NO: 4025441

DOCUMENT-IDENTIFIER: US 4025441 A

TITLE: Ozone generating apparatus

DATE-ISSUED: May 24, 1977

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tabata; Norikazu	Amagasaki			JA
Yagi; Shigenori	Amagasaki			JA
Ueno; Takanori	Amagasaki			JA

US-CL-CURRENT: 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 47. Document ID: US 4013567 A

L12: Entry 47 of 67

File: USPT

Mar 22, 1977

US-PAT-NO: 4013567

DOCUMENT-IDENTIFIER: US 4013567 A

TITLE: High-frequency tubular ozonizer

DATE-ISSUED: March 22, 1977

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Emelyanov; Jury Mikhailovich	Moscow			SU
Emelyanov; Mikhail Fedorovich	Moscow			SU

US-CL-CURRENT: 422/186.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 48. Document ID: US 4011165 A

## Hit List

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Fwd Refs

Bkwd Refs

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Search Results - Record(s) 51 through 67 of 67 returned.

☐ 51. Document ID: JP 02157107 A

Using default format because multiple data bases are involved.

L12: Entry 51 of 67

File: JPAB

Jun 15, 1990

PUB-NO: JP402157107A

DOCUMENT-IDENTIFIER: JP 02157107 A

TITLE: ELECTRIC DISCHARGER FOR OZONIZER

PUBN-DATE: June 15, 1990

INVENTOR-INFORMATION:

NAME

COUNTRY

ARAKI, KENJI

NAGASAKA, MICHIO

MATSUZAWA, MINORU

US-CL-CURRENT: 422/186.07; 422/186.21

INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KWIC	Draw Desc	Image
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☐ 52. Document ID: JP 01264908 A

L12: Entry 52 of 67

File: JPAB

Oct 23, 1989

PUB-NO: JP401264908A

DOCUMENT-IDENTIFIER: JP 01264908 A

TITLE: OZONIZER

PUBN-DATE: October 23, 1989

INVENTOR-INFORMATION:

NAME

COUNTRY

SHIGAKI, KEISUKE

MATSUMURA, KIMIHARU

NAGATA, JUNICHI

US-CL-CURRENT: 422/186.07

INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KWIC	Draw Desc	Clip Img	Ima
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☐ 53. Document ID: JP 01160807 A

L12: Entry 53 of 67

File: JPAB

Jun 23, 1989

PUB-NO: JP401160807A

DOCUMENT-IDENTIFIER: JP 01160807 A

TITLE: OZONE GENERATOR

PUBN-DATE: June 23, 1989

## INVENTOR-INFORMATION:

NAME

COUNTRY

MATSUMURA, KIMIHARU

SHIGAKI, KEISUKE

SATO, TAKAZO

SERIKAWA, SEIICHI

SATO, KATSUNOBU

US-CL-CURRENT: 204/176; 422/186.18, 422/186.19, 423/581

INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 54. Document ID: JP 62278105 A

L12: Entry 54 of 67

File: JPAB

Dec 3, 1987

PUB-NO: JP362278105A

DOCUMENT-IDENTIFIER: JP 62278105 A

TITLE: OZONE-GENERATOR

PUBN-DATE: December 3, 1987

## INVENTOR-INFORMATION:

NAME

COUNTRY

NODA, TAKAAKI

US-CL-CURRENT: 422/186.07; 423/581

INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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☐ 55. Document ID: JP 60191004 A

L12: Entry 55 of 67

File: JPAB

Sep 28, 1985

PUB-NO: JP360191004A

DOCUMENT-IDENTIFIER: JP 60191004 A

TITLE: OZONIZER

PUBN-DATE: September 28, 1985

## INVENTOR-INFORMATION:

NAME

COUNTRY

TAKASE, OSAMU

US-CL-CURRENT: 422/186.07

INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Image
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☐ 56. Document ID: JP 58115004 A

L12: Entry 56 of 67

File: JPAB

Jul 8, 1983

PUB-NO: JP358115004A

DOCUMENT-IDENTIFIER: JP 58115004 A

TITLE: OZONIZER OF SILENT DISCHARGE TYPE

PUBN-DATE: July 8, 1983

## INVENTOR-INFORMATION:

NAME

COUNTRY

HAYASHI, SATORU

KITSUKAWA, TAKESHI

US-CL-CURRENT: 422/186.07; 423/581

INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Clip Img	Ima
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☐ 57. Document ID: JP 56037206 A

L12: Entry 57 of 67

File: JPAB

Apr 10, 1981

PUB-NO: JP356037206A

DOCUMENT-IDENTIFIER: JP 56037206 A

TITLE: OZONIZER

PUBN-DATE: April 10, 1981

## INVENTOR-INFORMATION:

NAME

COUNTRY

OISHI, SEITARO

US-CL-CURRENT: 204/199; 422/186.07

INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Clip Img	Ima
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☐ 58. Document ID: JP 55140702 A

L12: Entry 58 of 67

File: JPAB

Nov 4, 1980

PUB-NO: JP355140702A  
DOCUMENT-IDENTIFIER: JP 55140702 A  
TITLE: SILENT DISCHARGE TYPE OZONIZER

PUBN-DATE: November 4, 1980

## INVENTOR-INFORMATION:

NAME	COUNTRY
IMAIZUMI, HAJIME	
KITSUKAWA, TAKESHI	
KAJITA, ISAO	

US-CL-CURRENT: 422/186.18  
INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Draw Desc	Clip Img	Ima
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☐ 59. Document ID: JP 55067510 A

L12: Entry 59 of 67

File: JPAB

May 21, 1980

PUB-NO: JP355067510A  
DOCUMENT-IDENTIFIER: JP 55067510 A  
TITLE: OZONIZER

PUBN-DATE: May 21, 1980

## INVENTOR-INFORMATION:

NAME	COUNTRY
TAKAHASHI, HIDEOMI	
TAKECHI, TAICHI	
AKIMOTO, KOJI	
TOMIKI, HIROSHI	

US-CL-CURRENT: 422/186.07  
INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Draw Desc	Clip Img	Ima
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☐ 60. Document ID: JP 55067507 A

L12: Entry 60 of 67

File: JPAB

May 21, 1980

PUB-NO: JP355067507A  
DOCUMENT-IDENTIFIER: JP 55067507 A  
TITLE: OZONIZER

PUBN-DATE: May 21, 1980

## INVENTOR-INFORMATION:

NAME	COUNTRY
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TAKECHI, TAICHI  
TAKAHASHI, HIDEOMI  
AKIMOTO, KOJI  
TOMIKI, HIROSHI  
KASHIWABARA, HIROSHI

US-CL-CURRENT: 422/186.07  
INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Availability	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 61. Document ID: JP 55015909 A

L12: Entry 61 of 67

File: JPAB

Feb 4, 1980

PUB-NO: JP355015909A  
DOCUMENT-IDENTIFIER: JP 55015909 A  
TITLE: OZONIZER

PUBN-DATE: February 4, 1980

## INVENTOR-INFORMATION:

NAME

COUNTRY

TSUKUI, TSUTOMU  
ABE, KIMIHITO  
UOZUMI, SHOHEI  
YAMAGATA, TAKEO

US-CL-CURRENT: 422/186.12  
INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Availability	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 62. Document ID: JP 55015908 A

L12: Entry 62 of 67

File: JPAB

Feb 4, 1980

PUB-NO: JP355015908A  
DOCUMENT-IDENTIFIER: JP 55015908 A  
TITLE: OZONIZER

PUBN-DATE: February 4, 1980

## INVENTOR-INFORMATION:

NAME

COUNTRY

TSUKUI, TSUTOMU  
ABE, KIMIHITO  
UOZUMI, SHOHEI  
YAMAGATA, TAKEO

US-CL-CURRENT: 422/186.15

INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 63. Document ID: JP 55003332 A

L12: Entry 63 of 67

File: JPAB

Jan 11, 1980

PUB-NO: JP355003332A

DOCUMENT-IDENTIFIER: JP 55003332 A

TITLE: SILENT DISCHARGE TYPE OZONIZER

PUBN-DATE: January 11, 1980

## INVENTOR-INFORMATION:

NAME

COUNTRY

UENO, TAKANORI

TANAKA, MASAACKI

TABATA, NORIKAZU

US-CL-CURRENT: 422/186.19

INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 64. Document ID: JP 54069589 A

L12: Entry 64 of 67

File: JPAB

Jun 4, 1979

PUB-NO: JP354069589A

DOCUMENT-IDENTIFIER: JP 54069589 A

TITLE: OZONIZER

PUBN-DATE: June 4, 1979

## INVENTOR-INFORMATION:

NAME

COUNTRY

OISHI, SEITARO

IKEMOTO, NORIO

KUGO, YUKIO

ABE, KIMIHITO

UOZUMI, SHOHEI

US-CL-CURRENT: 422/186.13

INT-CL (IPC): C01B 13/11; B01K 1/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Image
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☐ 65. Document ID: JP 54009187 A

L12: Entry 65 of 67

File: JPAB

Jan 23, 1979

h e b b cg b cc e

PUB-NO: JP354009187A  
DOCUMENT-IDENTIFIER: JP 54009187 A  
TITLE: APPARATUS FOR GENERATING OZONE

PUBN-DATE: January 23, 1979

## INVENTOR-INFORMATION:

NAME  
ISOBE, SHOJI

COUNTRY

US-CL-CURRENT: 422/186.07  
INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Keywords	Claims	KWIC	Draw Desc	Image
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☐ 66. Document ID: JP 53054190 A

L12: Entry 66 of 67

File: JPAB

May 17, 1978

PUB-NO: JP353054190A  
DOCUMENT-IDENTIFIER: JP 53054190 A  
TITLE: OZONIZER

PUBN-DATE: May 17, 1978

## INVENTOR-INFORMATION:

NAME  
UOZUMI, SHOHEI  
ABE, KIMIHITO  
TSUKUI, TSUTOMU

COUNTRY

US-CL-CURRENT: 422/186.19  
INT-CL (IPC): C01B 13/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Keywords	Claims	KWIC	Draw Desc	Image
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☐ 67. Document ID: EP 172756 A1

L12: Entry 67 of 67

File: EPAB

Feb 26, 1986

PUB-NO: EP000172756A1  
DOCUMENT-IDENTIFIER: EP 172756 A1  
TITLE: Apparatus for generating electric discharges, particularly for the production of ozone

PUBN-DATE: February 26, 1986

## INVENTOR-INFORMATION:

NAME  
BENAS, JEAN-MARIE  
COSTE, CHRISTIAN  
LOUBOUTIN, ROBERT

COUNTRY



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US-CL-CURRENT: 422/186.18

INT-CL (IPC): C01B 13/11

EUR-CL (EPC): C01B013/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KIMC	Draw Desc	Clip Img	Ima
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